

LIGANDS FOR FRAMEWORK COORDINATION COMPLEXES

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The ligand precursor 2-Thiopyridene was made by thionating 2-Hydroxypyridine with Lawesson's reagent. The 2-Thiopyridine was examined by NMR spectroscopy revealing two isomers formed in the thionation reaction. The spectral features and relative amounts of these isomers are reported. The 2-Thiopyridine was then reacted with sodium hydride to obtain the sodium salt.